

RAW SEQUENCE LISTING

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Application Serial Number: 10/811,192A
Source: #FW/6
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RAW SEQUENCE LISTING

DATE: 11/27/2006

PATENT APPLICATION: US/10/811,192A

TIME: 14:43:11

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3 <110> APPLICANT: Communi, Didier
4     Boeynaems, Jean-Marie
5     Pirotton, Sabine
6     Parmentier, Marc
8 <120> TITLE OF INVENTION: P2Y4 RECEPTOR TRANSGENIC AND KNOCKOUT NON-HUMAN MAMMALS
10 <130> FILE REFERENCE: 9409/2113C
12 <140> CURRENT APPLICATION NUMBER: 10/811,192A
13 <141> CURRENT FILING DATE: 2004-03-26
15 <150> PRIOR APPLICATION NUMBER: 10/753,695
16 <151> PRIOR FILING DATE: 2004-01-08
18 <150> PRIOR APPLICATION NUMBER: 09/077,173
19 <151> PRIOR FILING DATE: 1998-11-12
21 <150> PRIOR APPLICATION NUMBER: PCT/BE96/00123
22 <151> PRIOR FILING DATE: 1996-11-21
24 <150> PRIOR APPLICATION NUMBER: EP 95870124.5
25 <151> PRIOR FILING DATE: 1995-11-21
27 <160> NUMBER OF SEQ ID NOS: 4
29 <170> SOFTWARE: PatentIn version 3.1
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 1429
33 <212> TYPE: DNA
34 <213> ORGANISM: Homo sapiens
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41 gggggtgggc agggaaatcc tgccaccctc acttctcccc tccccatctc cagggggggcc      180
43 atggccagta cagagtcctc cctggtgaga tccctaggcc tcagcccagg tcctggcagc      240
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57 cttcggggcac tacgctgggg ccgcccctgc ctccgaggcc ttctctgcct ggcagtttgg      660
59 ttggtcgtag ccggtgcct cgtgcccac ctgttctttg tcacaaccag caacaaaggg      720
61 accaccgtcc tgtgccatga caccactcgg cctgaagagt ttgaccacta tgtgcacttc      780
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65 ggactcatgg ctgcgtgcct gtatcagccc ttgccaggct ctgcacagtc gtcttctcgc      900
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77 cctgaggata gcagctgcag gtgggcgccg acccccccagg acagtagctg ctctactcct 1260
79 agggcagata gattgtaaca cgggaagccg gcaagtgaga gaaaagggga tgagtgcagg 1320
81 gcagaggtga gggaacccaa tagtgatacc tggttaagggtg cttcttcctc ttttcaggc 1380
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87 <211> LENGTH: 365
88 <212> TYPE: PRT
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97 Gly Pro Gly Ser Ser Glu Val Glu Leu Asp Cys Trp Phe Asp Glu Asp
98 20 25 30
101 Phe Lys Phe Ile Leu Leu Pro Val Ser Tyr Ala Val Val Phe Val Leu
102 35 40 45
105 Gly Leu Gly Leu Asn Ala Pro Thr Leu Trp Leu Phe Ile Phe Arg Leu
106 50 55 60
109 Arg Pro Trp Asp Ala Thr Ala Thr Tyr Met Phe His Leu Ala Leu Ser
110 65 70 75 80
113 Asp Thr Leu Tyr Val Leu Ser Leu Pro Thr Leu Ile Tyr Tyr Tyr Ala
114 85 90 95
117 Ala His Asn His Trp Pro Phe Gly Thr Glu Ile Cys Lys Phe Val Arg
118 100 105 110
121 Phe Leu Phe Tyr Trp Asn Leu Tyr Cys Ser Val Leu Phe Leu Thr Cys
122 115 120 125
125 Ile Ser Val His Arg Tyr Leu Gly Ile Cys His Pro Leu Arg Ala Leu
126 130 135 140
129 Arg Trp Gly Arg Pro Arg Leu Ala Gly Leu Leu Cys Leu Ala Val Trp
130 145 150 155 160
133 Leu Val Val Ala Gly Cys Leu Val Pro Asn Leu Phe Phe Val Thr Thr
134 165 170 175
137 Ser Asn Lys Gly Thr Thr Val Leu Cys His Asp Thr Thr Arg Pro Glu
138 180 185 190
141 Glu Phe Asp His Tyr Val His Phe Ser Ser Ala Val Met Gly Leu Leu
142 195 200 205
145 Phe Gly Val Pro Cys Leu Val Thr Leu Val Cys Tyr Gly Leu Met Ala
146 210 215 220
149 Arg Arg Leu Tyr Gln Pro Leu Pro Gly Ser Ala Gln Ser Ser Ser Arg
150 225 230 235 240
153 Leu Arg Ser Leu Arg Thr Ile Ala Val Val Leu Thr Val Phe Ala Val
154 245 250 255
157 Cys Phe Val Pro Phe His Ile Thr Arg Thr Ile Tyr Tyr Leu Ala Arg
158 260 265 270
161 Leu Leu Glu Ala Asp Cys Arg Val Leu Asn Ile Val Asn Val Val Tyr
162 275 280 285
165 Lys Val Thr Arg Pro Leu Ala Ser Ala Asn Ser Cys Leu Asp Pro Val
166 290 295 300
169 Leu Tyr Leu Leu Thr Gly Asp Lys Tyr Arg Arg Gln Leu Arg Gln Leu
170 305 310 315 320

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173 Cys Gly Gly Gly Lys Pro Gln Pro Arg Thr Ala Ala Ser Ser Leu Ala

174 325 330 335

177 Leu Val Ser Leu Pro Glu Asp Ser Ser Cys Arg Trp Ala Ala Thr Pro

178 340 345 350

181 Gln Asp Ser Ser Cys Ser Thr Pro Arg Ala Asp Arg Leu

182 355 360 365

185 <210> SEQ ID NO: 3

186 <211> LENGTH: 35

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188 <213> ORGANISM: artificial sequence

190 <220> FEATURE:

191 <223> OTHER INFORMATION: Primer for the second transmembrane region of human pyrimidine re

192 ceptor

194 <400> SEQUENCE: 3

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200 <212> TYPE: DNA

201 <213> ORGANISM: artificial sequence

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204 <223> OTHER INFORMATION: primer for seventh transmembrane region of human pyrimidine recep

205 tor

207 <400> SEQUENCE: 4

208 tcttaagctt ggagtcacgt acgagcaagc tagtt 35

VERIFICATION SUMMARY

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